

SERVICE MANUAL

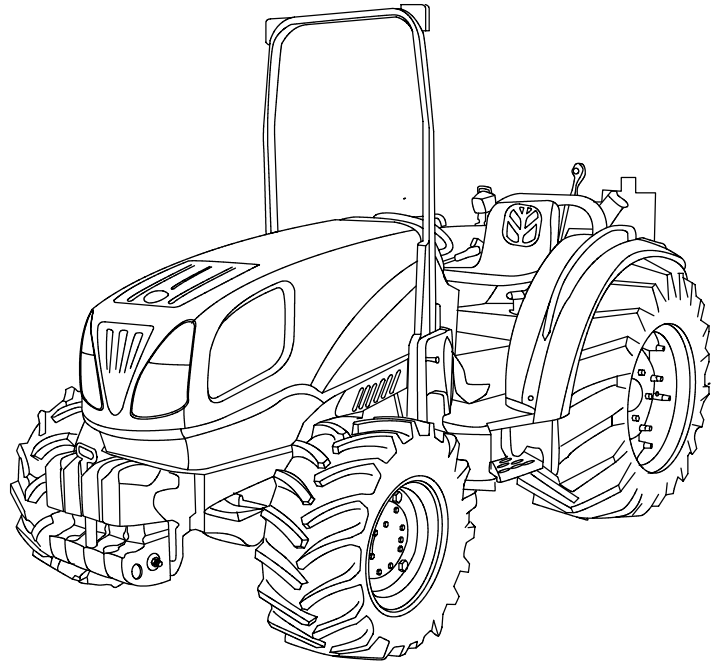
T3.50F / T3.55F / T3.65F / T3.75F
Tractor

Part number 47763567

English

August 2014





T3000F TRACTORS

T3.50F - T3.55F - T3.65F - T3.75F

SERVICE MANUAL

| | |
|---|-----------|
| SECTIONS | |
| GENERAL | 00 |
| ENGINE | 10 |
| CLUTCH | 18 |
| TRANSMISSION | 21 |
| DRIVE LINES | 23 |
| FRONT AXLE MECHANICAL TRANSMISSION | 25 |
| REAR AXLE MECHANICAL TRANSMISSION | 27 |
| POWER TAKE-OFF | 31 |
| BRAKES | 33 |
| HYDRAULIC SYSTEMS | 35 |
| STEERING | 41 |
| AXLE AND WHEELS | 44 |
| CAB AIR CONDITIONING SYSTEM | 50 |
| ELECTRICAL SYSTEM | 55 |
| PLATFORM, CAB, BODYWORK | 90 |

TECHNICAL SUPPORT

CONTENTS

| | Page | Date | | Page | Date |
|----------------------------------|-----------|-------|---|-----------|-------|
| 00 - GENERAL GUIDELINES | | | 21 TRANSMISSION | | |
| General instructions | 1-2 | 06-11 | Chapter 1 - Mechanical transmission | | |
| Safety regulations | 3 -4 -5 | 06-11 | Main Data | 1-2 | 06-11 |
| Tractor refuelling | 6 | 06-11 | Torque Specifications | 2-3 | 06-11 |
| 10 - ENGINE | | | Tools | 4 | 06-11 |
| CHAPTER 1 | | | Sections | 5-6-7 | 06-11 |
| Summary | 1 | 06-11 | Description and operation | 8 | 06-11 |
| General specifications | 2 -3 | 06-11 | Troubleshooting | 8-9 | 06-11 |
| Engine | | | Removal-Installation - | | |
| removal - installation | 4-5-6-7-8 | 06-11 | rear transmission - | | |
| | -9-10 | | gearbox | 10-11-12- | |
| Removal-Installation | | | casing | 13 | 06-11 |
| fuel tank | 11-12 | 07-12 | Disassembly-Assembly - | | |
| Coolant radiator removal- | | | transmission-gearbox | | |
| installation | 13-14-15 | 07-12 | casing | 17-18 | 06-11 |
| Accelerator control cable | | | Disassembly-Assembly - | | |
| adjustment | 16 | 07-12 | clutch casing | 19-20-21 | 06-11 |
| 18 - CLUTCH | | | Sealing compound | | |
| Main Data | 1 | 07-12 | application diagram | 22 | 06-11 |
| Torque Specifications | 2 | 07-12 | Transmission oil cooler | | |
| Tools | 2 | 07-12 | removal-installation | 23 | 06-11 |
| Sections | 3 | 07-12 | CHAPTER 3 - Power Shuttle transmission | | |
| Troubleshooting | 4 | 07-12 | Main Data | 1-2 | 06-11 |
| Removal-Installation | | | Torque Specifications | 3 | 06-11 |
| Clutch | 5 | 07-12 | Tools | 4 | 06-11 |
| Clutch Overhaul | 6-7-8-9 | 07-12 | Sections | 5-6-7 | 06-11 |
| Checks and measure- | | | Description and operation | 8 | 06-11 |
| ments - clutch | 10-11 | 06-11 | Troubleshooting | 8 | 06-11 |
| Adjustments -- clutch | | | Disassembly-Assembly - | | |
| disengagement levers | 11 | 06-11 | clutch casing | 9-10-11 | 06-11 |
| Adjustments -- clutch | | | Main clutch adjustments . . | 12 | 06-11 |
| pedal | 12 | 06-11 | 23 - DRIVE LINES | | |
| Sectional view of PTO | | | Main Data | 1 | 06-11 |
| clutch servo control | 13 | 06-11 | Torque Specifications | 2 | 06-11 |
| Description and operation | | | Sections | 3-4 | 06-11 |
| of PTO servo control | 14-15 | 06-11 | Description and operation | 5 | 06-11 |
| PTO servo control | | | Troubleshooting | 6 | 06-11 |
| adjustment | 16 | 06-11 | Drive shafts and guard. | | |
| PTO engaged switch | | | Disassembly - Assembly . | 7 | 06-11 |
| adjustment | 17 | 06-11 | | | |

| | Page | Date | | Page | Date |
|--|---------------------------------|-------|--|-------------------|-------|
| Removal-Installation - drive gear casing | 8 | 06-11 | Adjustments - bevel drive | 14-15-16 | 06-11 |
| 25 – FRONT AXLE MECHANICAL TRANSMISSION | | | Removal - Installation side gear casing | 17-18-19- 20 | 06-11 |
| CHAPTER 1 - Front mechanical transmission | | | Disassembly-Assembly - drive wheel shaft | 21-22 | 06-11 |
| Main Data | 1-2 | 06-11 | 31 – POWER TAKE-OFF | | |
| Torque Specifications | 3-4 | 06-11 | CHAPTER 1 - Mechanical power take-off | | |
| Tools | 5 | 06-11 | Main Data | 1-2 | 06-11 |
| Sections | 6 | 06-11 | Torque Specifications | 3-4 | 06-11 |
| Removal-Installation - front axle | 8-9-10 | 06-11 | Sections | 5-6 | 06-11 |
| Disassembly - Assembly Front axle | 11-12-13- 14-15-16- 17-18 | 06-11 | Description and operation | 7-8 | 06-11 |
| Replacing steering knuckle pins and bearings | 19 | 06-11 | Troubleshooting | 8 | 06-11 |
| Adjustments - steering knuckle bearings | 20-21 | 06-11 | 33 – BRAKES | | |
| Adjustments - bevel drive | 22-23-24- 25-26-27- 28 | 06-11 | Main Data | 1-2 | 06-11 |
| Overhaul -- front differential | 29 | 06-11 | Torque Specifications | 2 | 06-11 |
| LIM--SLIP self-locking differential | 30-31 | 06-11 | Sections | 3 | 06-11 |
| Checking leading wheel alignment | 32 | 06-11 | Description and operation | 4 | 06-11 |
| Disassembly-Assembly - front epicyclic final drive .. | 33-34 | 06-11 | Troubleshooting | 5-6 | 06-11 |
| 27 – REAR MECHANICAL TRANSMISSION | | | Removal-Installation - service brake | 7 | 06-11 |
| Main Data | 1-2 | 06-11 | Removal-Installation - service brake pump | 8-9 | 06-11 |
| Torque Specifications | 3-4 | 06-11 | Adjustments - service brake pedals travel | 10 | 06-11 |
| Tools | 5 | 06-11 | Service brake circuit air bleeding | 11-12 | 06-11 |
| Sections | 6-7 | 06-11 | 35 - HYDRAULIC SYSTEMS | | |
| Description and operation | 8 | 06-11 | CHAPTER 1 - Rear mechanical hydraulic lift | | |
| Troubleshooting | 8 | 06-11 | Main Data | 2 | 06-11 |
| Disassembly-Assembly -- transmission-gearbox casing | 9-10-11- 12 | 06-11 | Torque Specifications | 2-3 | 06-11 |
| Adjustments - differential lock engagement sleeve position | 13 | 06-11 | Tools | 3 | 06-11 |
| | | | Sections | 4 | 06-11 |
| | | | Troubleshooting | 5 | 06-11 |
| | | | Description and operation | 6-7-8-9- 10-11 | 06-11 |
| | | | Lift internal controls. Disassembly -- Assembly | 12-13-14- 15 | 06-11 |

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$